

Abstract

Improvements to toilet ventilating systems where
air is drawn from an air inlet up into the tank
so flush water can be injected into the vent channel
keeping it clean and blocking mist from the fan .

Air is drawn out of the bowl via an inlet chamber
that is separate from the bowl's flush channel .

A wall fan is mounted beneath the tank on the right
and connects to a hose from a flange beneath the tank
while exhausting its air into the stack behind the tank
utilizing a special valve installed in the fans housing.

The fans valve is placed very close to the fan blades
so as to open be a light pressure from the fan
and has a rubber fringe around a solid core to
maintain a leak proof seal without sticking .

The fan can be easily disassembled for cleaning and
easily installed in existing construction or replaced
with the aid of tightening knobs using turned cams
without requiring any painting touch up work .